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L5 ANSWER 1 OF 28 CA COPYRIGHT 2005 ACS on STN
AN 141:300052 CA
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TI Super retarding setting agent for **cement**
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CODEN: CNXXEV

DT Patent
LA Chinese
IC ICM C04B024-10
CC 58-1 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1410382	A	20030416	CN 2002-147731	20021126
PRAI	CN 2002-147731		20021126		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1410382	ICM	C04B024-10
CN 1410382	ECLA	C04B040/00D4

AB The setting **retarder** contains sucrose 90-95%, and one or more of lignin, Ca lignosulfonate, monosaccharide and Ca gluconate 5-10%. The **delayed setting** agent is added to the base material before diluted by water, and its addition (to **cement**) is 0.04-0.06%.

ST **cement** setting **retarder** lignin lignosulfonate monosaccharide gluconate; base material

IT **Cement**
Hydration kinetics

(**cement** setting **retarder** containing. sucrose and lignin, Ca lignosulfonate, monosaccharide and/or Ca gluconate)

IT Setting agents

(**retarders**; **cement** setting **retarder** containing. sucrose and lignin, Ca lignosulfonate, monosaccharide and/or Ca gluconate)

IT 57-50-1, Sucrose, uses 299-28-5, Calcium gluconate 8061-52-7, Calcium lignosulfonate 9005-53-2, Lignin, uses

RL: MOA (Modifier or additive use); USES (Uses)

(set **retarder**; **cement** setting **retarder** containing. sucrose and lignin, Ca lignosulfonate, monosaccharide and/or Ca gluconate)